



LS 3200 Scanner Series



The New Standard in Ruggedized Scanners

The LS 3200 Scanner Series is the latest generation of hand-held laser scanners developed specifically for rugged industrial applications. The LS 3200 builds on the proven design of our LS 3000 Scanner Series, recognized around the globe for fast, accurate bar code reading and reliability. With enhanced features the LS 3200 goes further, establishing a new performance standard for scanning in industrial environments:

► *Improved scan line visibility* – The LS 3200 uses a new type of laser which appears three times brighter to the user than standard laser scanners simply because the human eye is more sensitive to its color. This higher apparent brightness makes the scan line easier to see and the scanner easier to use, especially in

high ambient light environments and at longer distances. And, since there is no increase in output power, there is no reduction in safety.

► *Optimized laser focusing* – Symbol's unique use of advanced beam shaping technology ensures top performance throughout the working range. The scanner also automatically selects the optimum setting for processing the data to give the broadest reading capabilities whether your bar codes are low-density or high-density, well or poorly printed.

► *High performance for all your scanning needs* – exceptional first-time read rate, even on dot matrix bar codes. Ideal for reading bar codes typically found on shipping manifests, outer packing cases or other exposed surfaces. The LS 3200 autodiscriminates all standard one-dimensional bar code symbologies.

► *Low power consumption* – realize nearly 50% longer battery life in your portable terminal applications for continuous scanning and minimized battery expense.

► *Extended operating temperature range for undecoded scanners* (-22° to 122° F/-30° to 50° C) – the LS 3200 is designed to work in the tough environments where you do – whether you are tracking inventory in a freezer store room or baggage in the midday sun.

Built to Last

Rugged environments demand rugged design. The LS 3200 delivers it with impact-resistant housing, internal shock mounting, and an ultrasonically welded

window. These scanners are light-weight and well balanced for user comfort, yet can withstand repeated six-foot (1.8 m) drops onto concrete.

Combined with Symbol's patented Mylar® scan element, the LS 3200 delivers unmatched reliability. Like a tuning fork, the scan element resonates at a fixed frequency creating motion without wear and tear. In fact, the Mylar scan element is so reliable that it is backed by its own limited lifetime warranty... a Symbol exclusive!*

Hand-Held or Hands-Free: The Best of Both

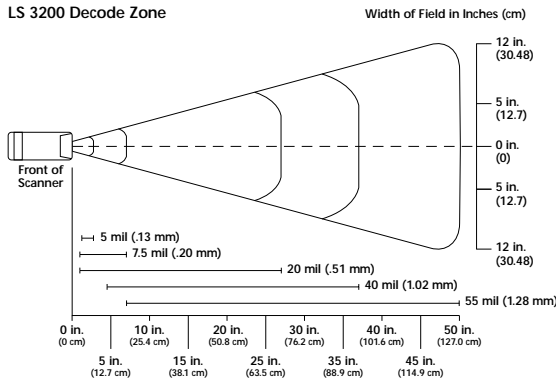
For added convenience, combine the LS 3200 with Symbol's IntelliStand for instant flexibility. Just place the scanner in the IntelliStand and it becomes an easy-to-use presentation scanner – perfect for scanning small items without having to pick up the scanner. Take the scanner out of the IntelliStand to scan large or bulky items.

The LS 3200 Scanner Series: as tough as the task is. And it's from Symbol Technologies, the world leader in bar code-driven data management transaction systems, with 5 million scanners and terminals installed.

*The Mylar scan element consists of a Mylar strip, frame, mirror assembly and magnet. The entire unit carries Symbol's standard warranty. All Symbol warranties apply to the original owner and do not cover repair due to misuse or physical abuse. Standard warranty and warranty service information are described on the warranty card enclosed with each product or can be obtained directly from Symbol. Contact Symbol for details.

LS 3200 Series Specification Highlights

Performance Characteristics	
Light Source:	650 nm laser diode
Scan Rate:	36 (± 3) scan/sec (bidirectional)
Yaw:	± 60° from normal
Roll (Skew):	± 10° from normal
Pitch:	± 55° from normal
Symbologies:	UPC/EAN, UPC/EAN with supplementals, Code 39 Full ASCII, Code 128, EAN 128, Codabar, Interleaved 2 of 5, Discrete 2 of 5, MSI/Plessey
Electrical:	Complies with UL, CSA and VDE; conforms to FCC Class A and Class B limits
Voltage:	4.3 to 14 VDC
Current:	75 mA
Laser Class:	CDRH Class II, BSI, IEC 825 Class 2
Weight:	8.5 oz./240 gm without cable



User Environment	
Ambient Light:	Immune to normal artificial indoor and natural outdoor (indirect sunlight) lighting conditions
Operating Temperature	-22° to 122°F / -30° to 50°C
Storage Temperature:	-40° to 140°F / -40° to 60°C
Humidity:	5% to 95% (noncondensing)
Durability:	Multiple 6 ft./1.8 m drops to concrete
Environmental:	Sealed against windblown dust and rain

Specifications are subject to change without notice. Mylar is a registered trademark of the DuPont Company.



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